

Figure 1

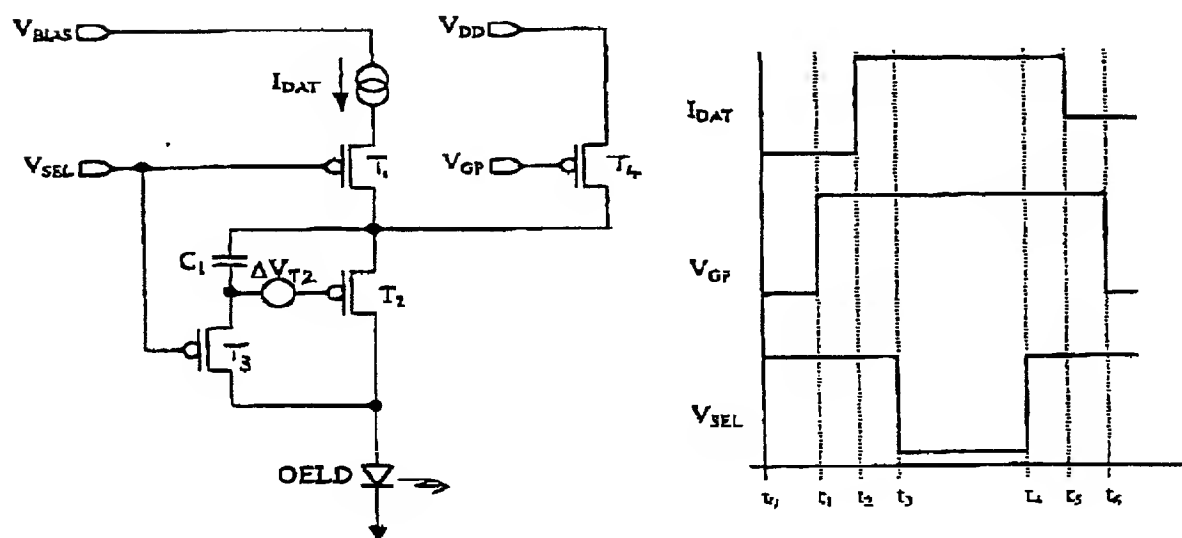


Figure 2A

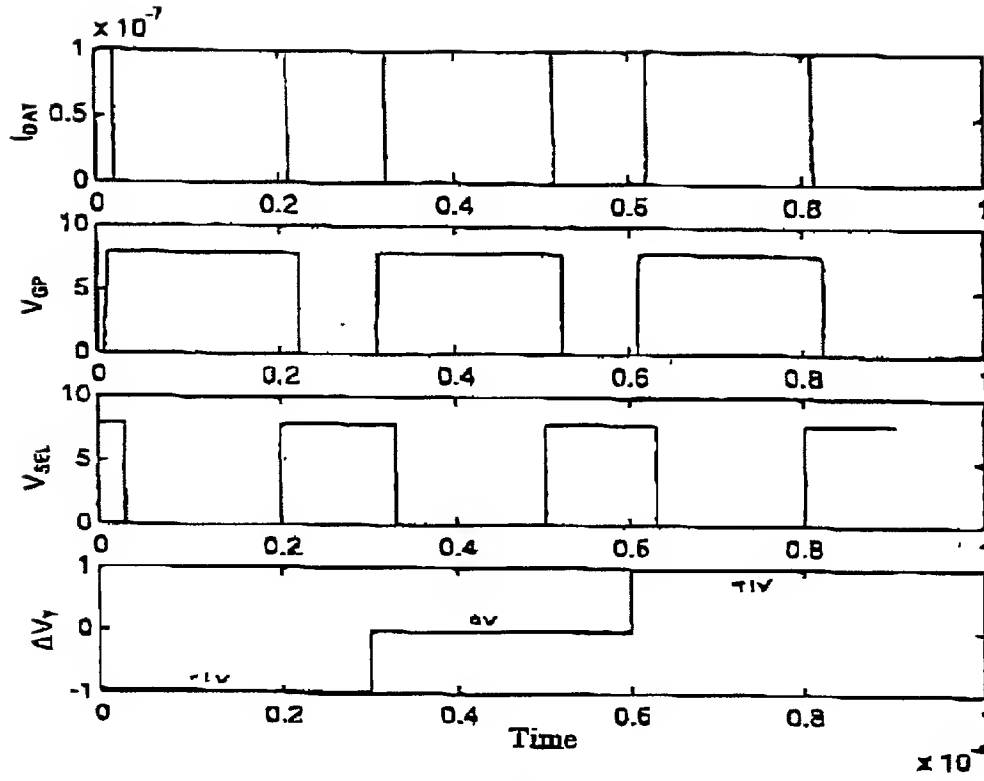


Figure 2B

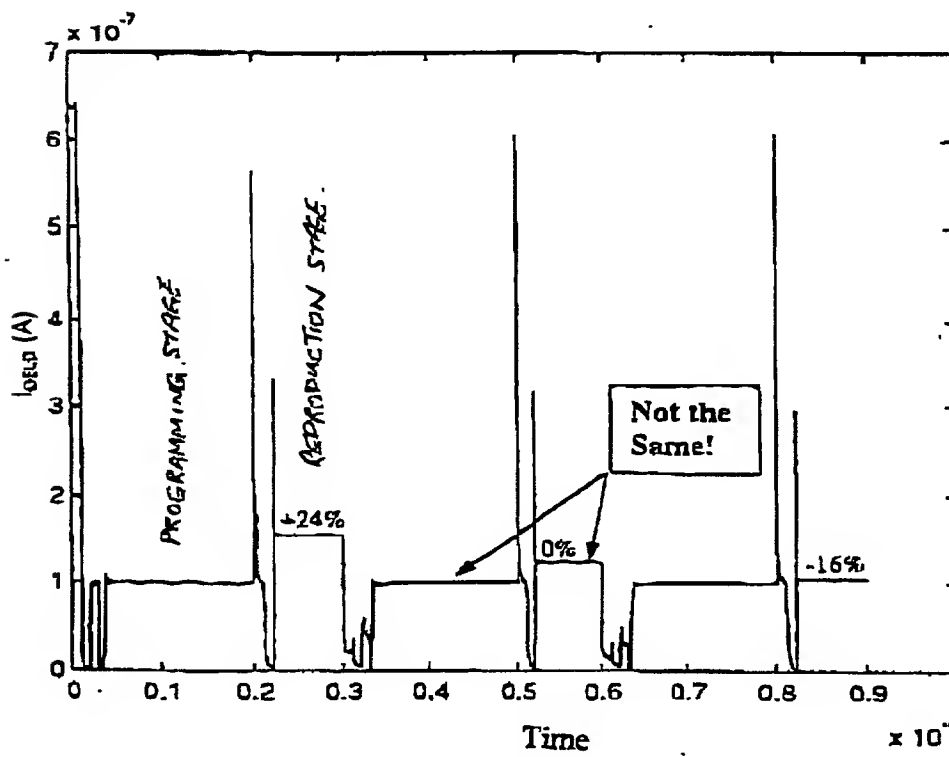


Figure 2C

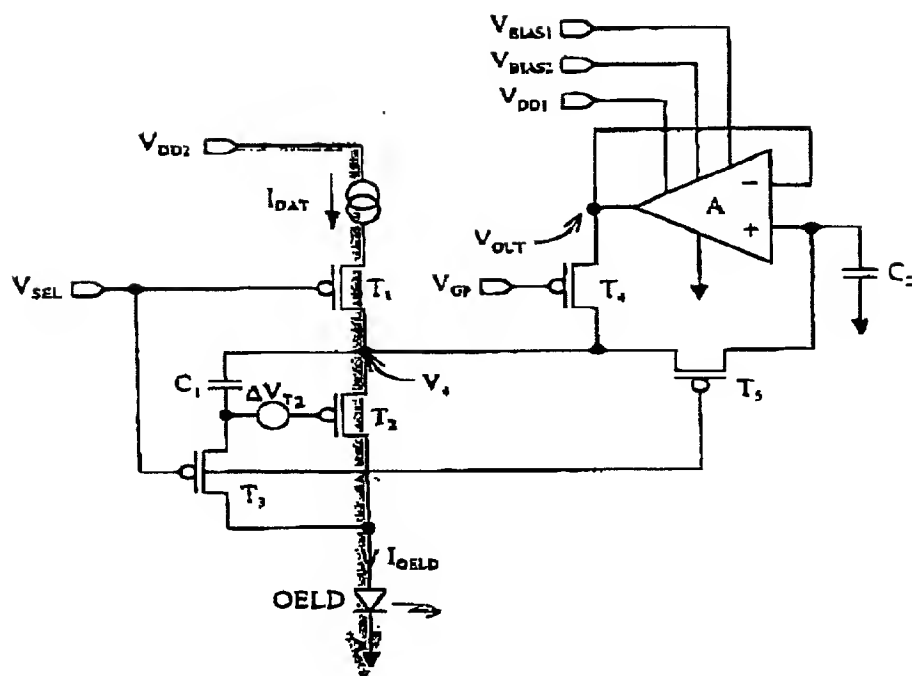


Figure 3

Open-Loop Gain (OLG)	$>20$
$V_{DD}$	9 V
$V_{SS}$	0 V
$V_{OUT}$	1 V - 8 V
Inverting Input ( $V_-$ )	$\approx V_{OUT}$
Non-Inverting Input ( $V_+$ )	1 V - 8 V
Max Output Current	1 $\mu$ A
Settle Time	$<20 \mu$ s
Offset Voltage	Minimal
Quiescent Current	Minimal
Space Occupation	$<210 \times 70 \mu\text{m}^2$

} Single Power Supply  
Rail to Rail

Figure 4

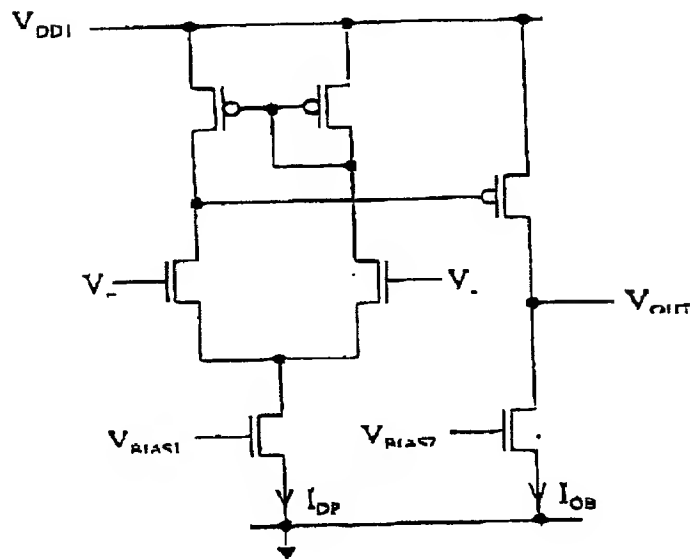


Figure 5

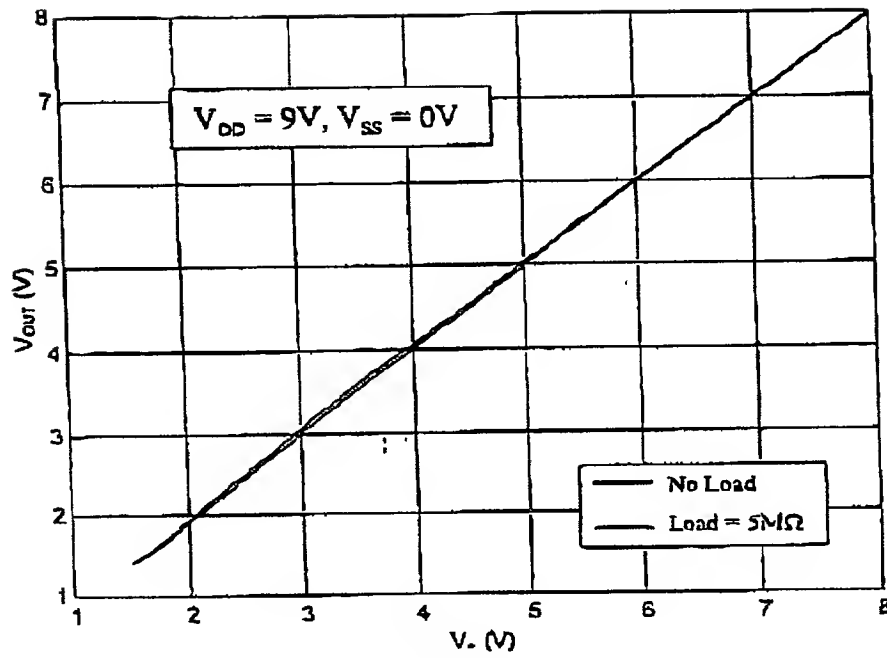


Figure 6

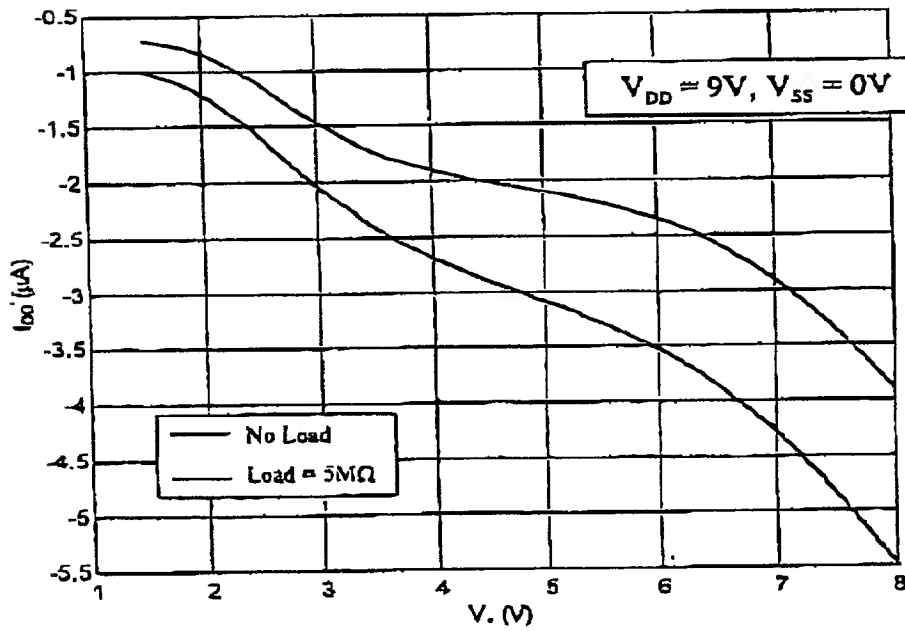


Figure 7

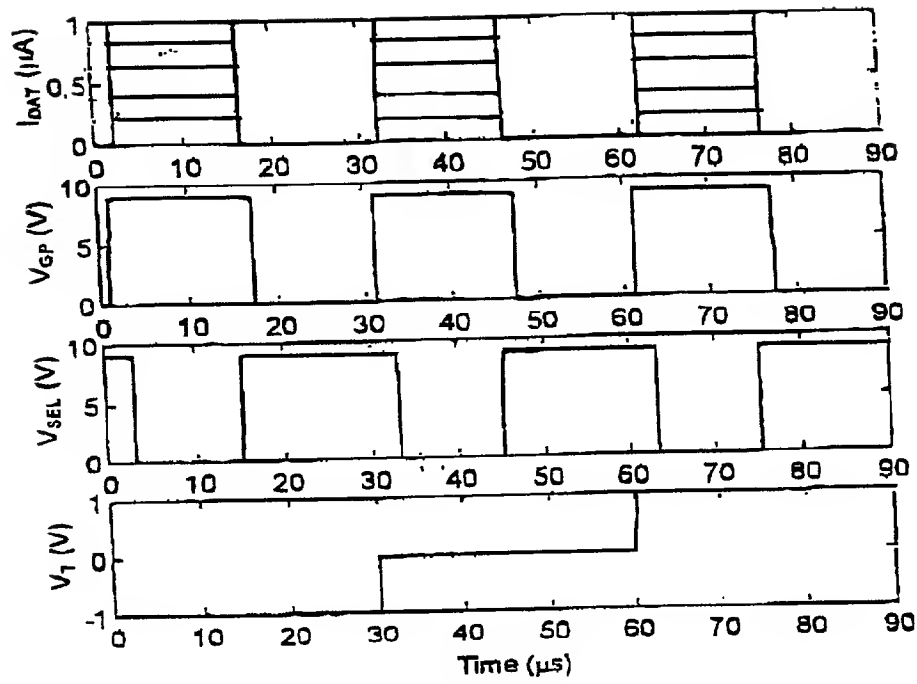


Figure 8

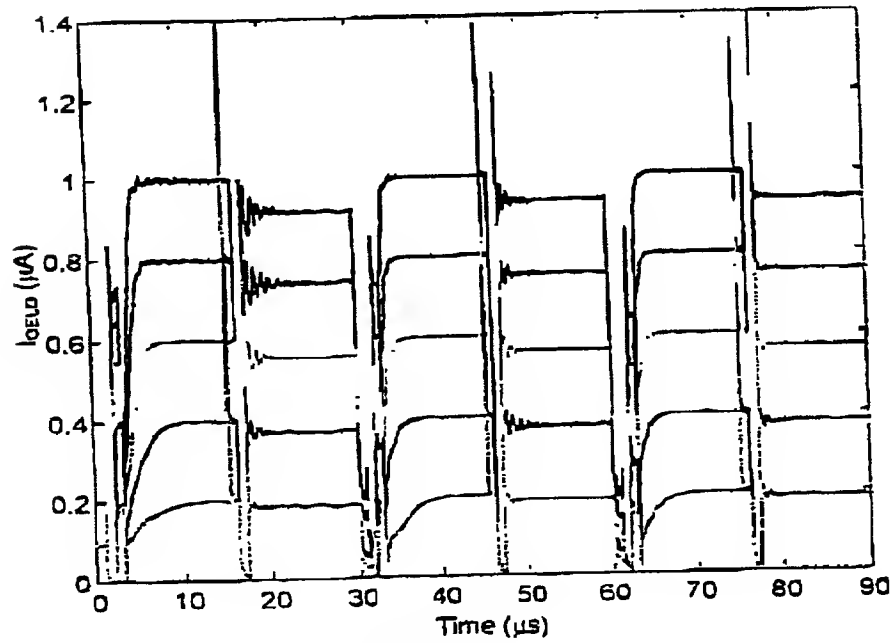


Figure 9